Rieco-Titan Products, Inc.

Rieco-Titan Weigh Station Recalibration Procedure

Our Rieco-Titan "Weigh Station" Electric Trailer Tongue Jacks are calibrated at the factory. If there is need to recalibrate the jack in the future, please follow the following procedure;

- Place wheel chocks in front and behind the trailer wheels. Use the Weigh Station Jack to raise the trailer tongue. Place jack stands or adequate blocks under the trailers A-Frame. Retract the Weigh Station Jack so that the foot pad is not touching the ground.

There are three Allen Screws (4mm key required) near the lower base of the gear motor assembly that secure the assembly to the jack post. Locate the Allen Screw opposite from the electric motor, switches – fully remove the Allen Screw with the Alignment Pin.(Fig. 1) Turn the remaining Allen Screws ½ turn (do not remove). Do not lift or remove the gear Motor Assembly off the jack post.

Maintain downward pressure on the top of the head assembly with one hand and rotate/twist approximately 30 degrees left or right to gain access to the scales lens screws.(Fig.2) Loosen but do not remove the screws.

Fig. 1

Fig. 2

Slide the lens up or down to align the indicator needle with the zero reading on the scale. Once you have it adjusted, snug up the Phillips screws. DO NOT OVER TIGHTEN or you will crack the lens.

Reverse the steps detailed above. Maintain downward pressure, twist head and re-align straight. Insert Allen Screw with Alignment Pin (removed earlier) and tighten. Tighten the two remaining Allen Screws. Your Rieco-Titan Weigh Station Electric Trailer Jack is now ready to use.

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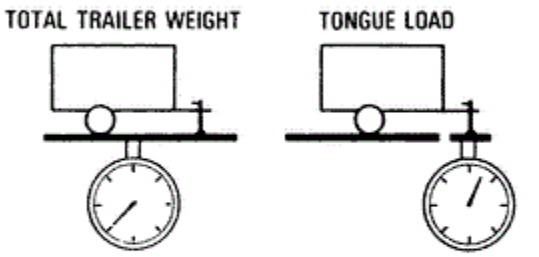
Weigh Station Operating Instructions



$$\frac{\text{TONGUE LOAD}}{\text{TOTAL TRAILER WEIGHT}} \times 100 = \begin{matrix}\text{Minimum } 10\% \\ \text{Ideal } 15\% \\ \text{Maximum } 20\%\end{matrix}$$

The drawing to the left illustrates the proper weight distribution for loading a trailer. Use the Weigh Station scale to achieve a minimum of 10% to a maximum of 20% of the total trailer weight of the trailer as tongue weight. A proportional tongue weight provides the best handling for addressing trailer sway. Reasonable driving speeds and proper tire inflation are equally important.

For example; if you have a total trailer weight of 5,000 pounds, adjusting the contents / load to achieve 750 pounds would be ideal. 5000 X .15(15%) = 750

- Never exceed the tow vehicle or receiver / hitch weight ratings.
- If the minimum tongue weight is not registered on the Weigh Station scale, shifting the contents / load forward of the trailer axle would be required. Too little tongue weight can produce trailer sway & cause an accident or injury.
- If the Weigh Station scale registers too heavy of a tongue weight, shifting the contents / load to the behind the trailer axle would be required. Too much tongue weight can compromise braking and handling, damage the tow vehicle structure, receiver / hitch & handle in an unsafe manner.